

PRIOR ART

FIG. 1

FORCE VS. STROKE CHARACTERISTIC OF THE PRIOR ART

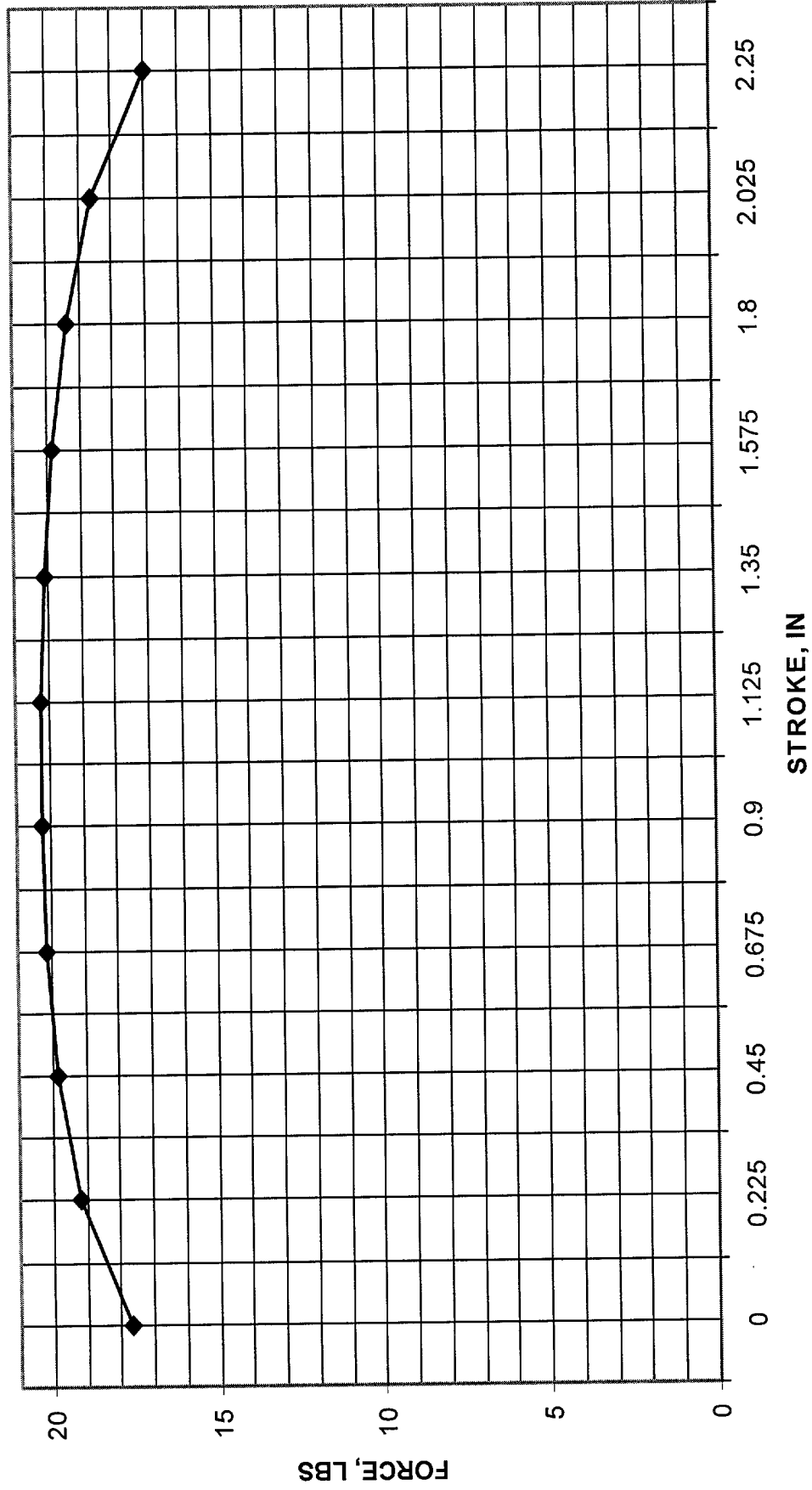


FIG. 2

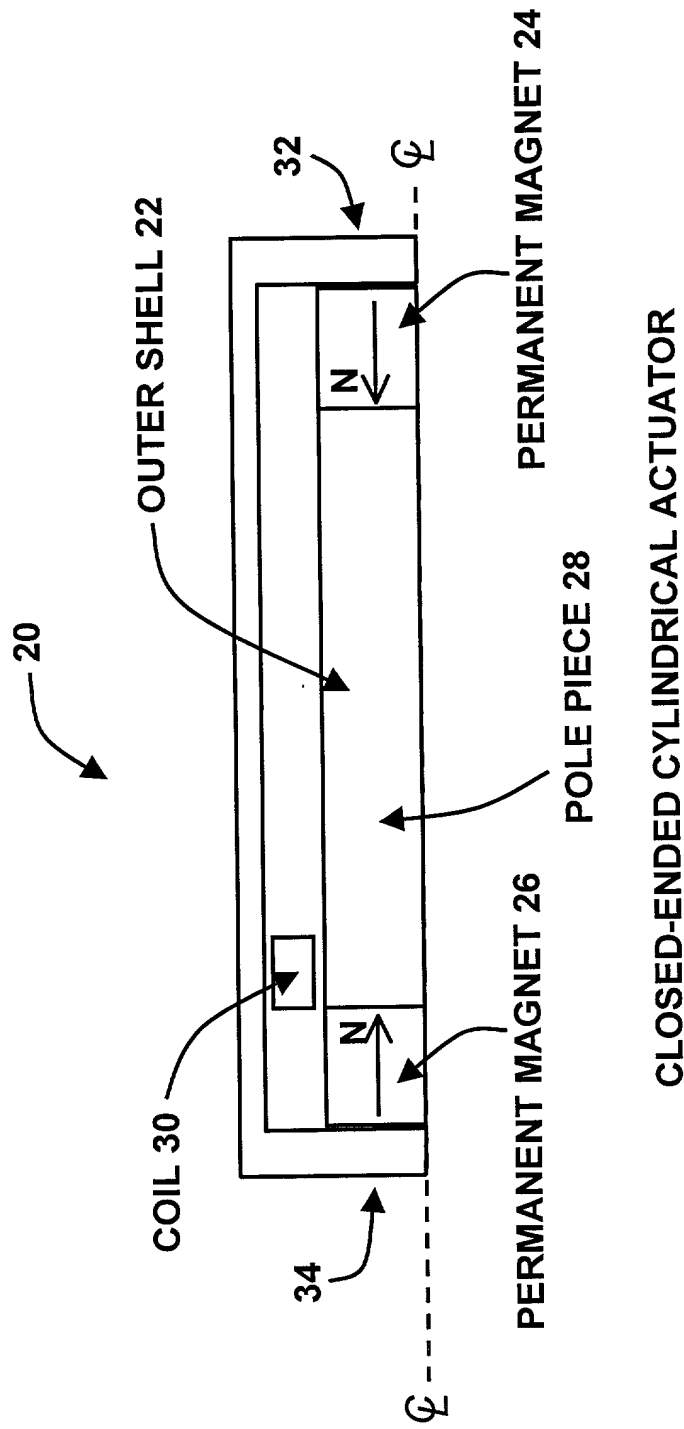


FIG. 3

# FORCE VS. STROKE CHARACTERISTIC OF A CLOSED-ENDED CYLINDRICAL ACTUATOR

—◆— LEFT-TO-RIGHT —■— RIGHT-TO-LEFT

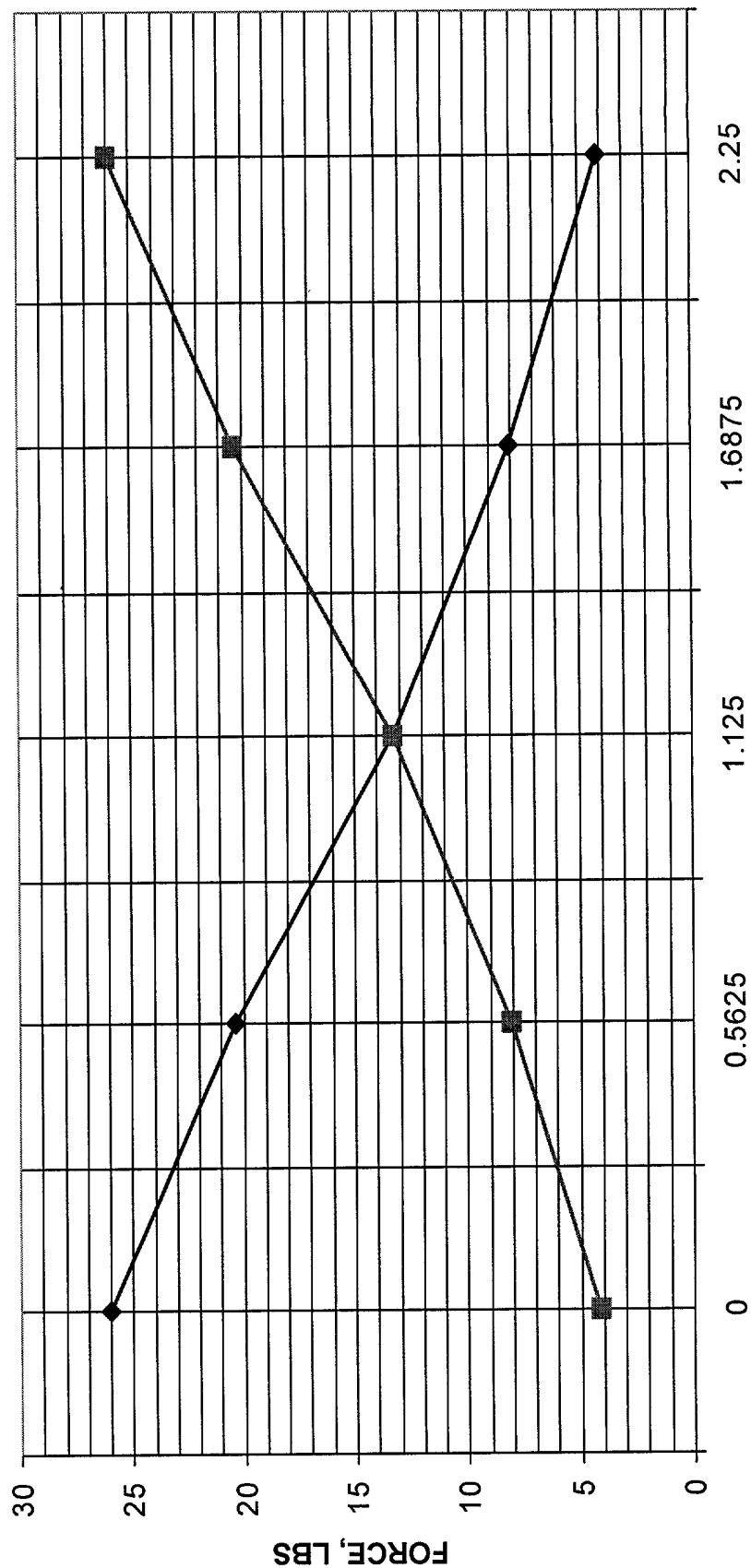
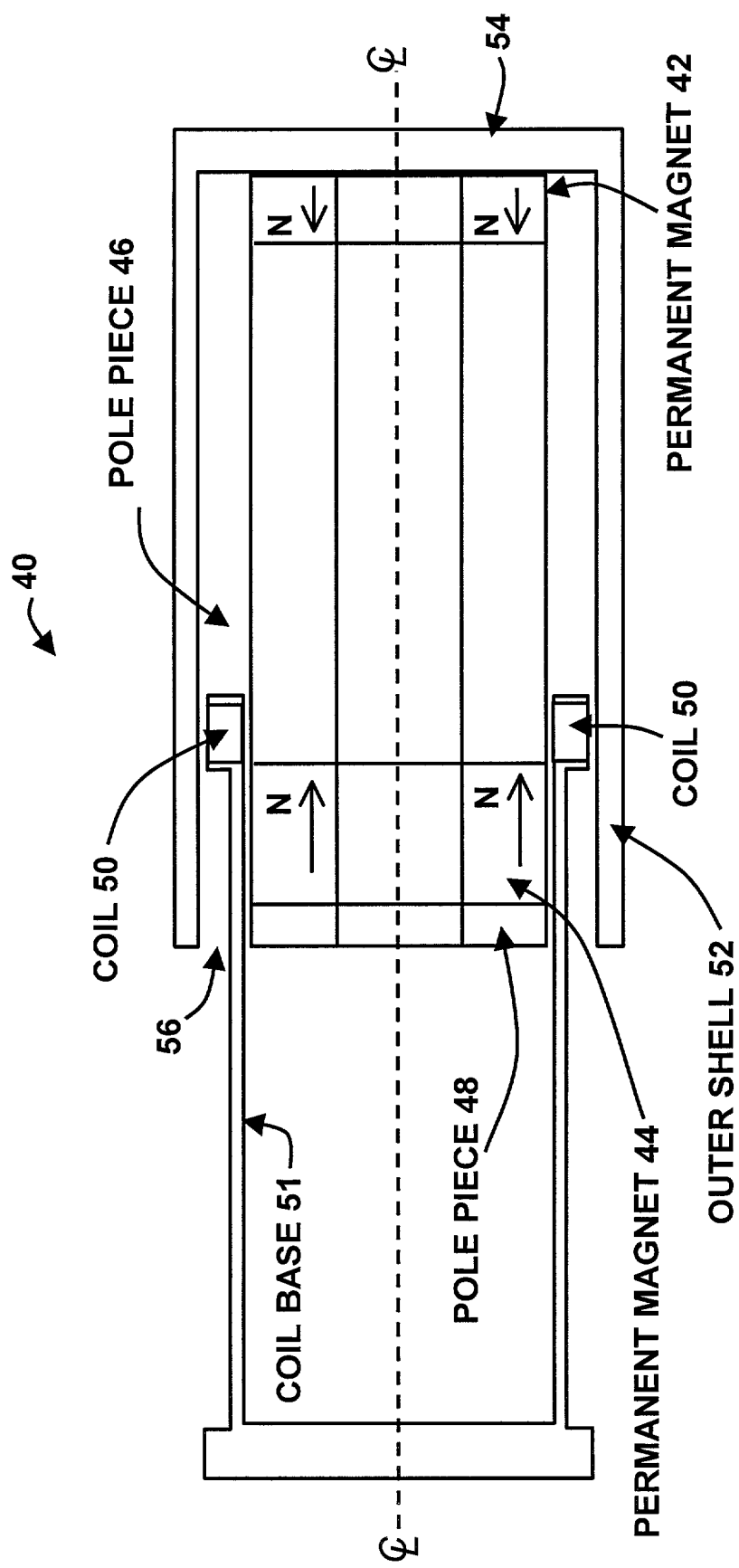


FIG. 4

new Non-Provisional Application  
for Long Stroke Linear Voice Coil Actuator ...  
Express Mail Label No. EL864388580US  
Attorney Docket No.: 2102483-906310  
Gray Cary et al. - Gsekimura/415-836-2500  
Inventor: Mikhail Godkin Sheet 5 of 6



OPEN-ENDED CYLINDRICAL ACTUATOR  
**FIG. 5**

FORCE VS. STROKE CHARACTERISTICS OF  
AN OPEN-ENDED CYLINDRICAL ACTUATOR

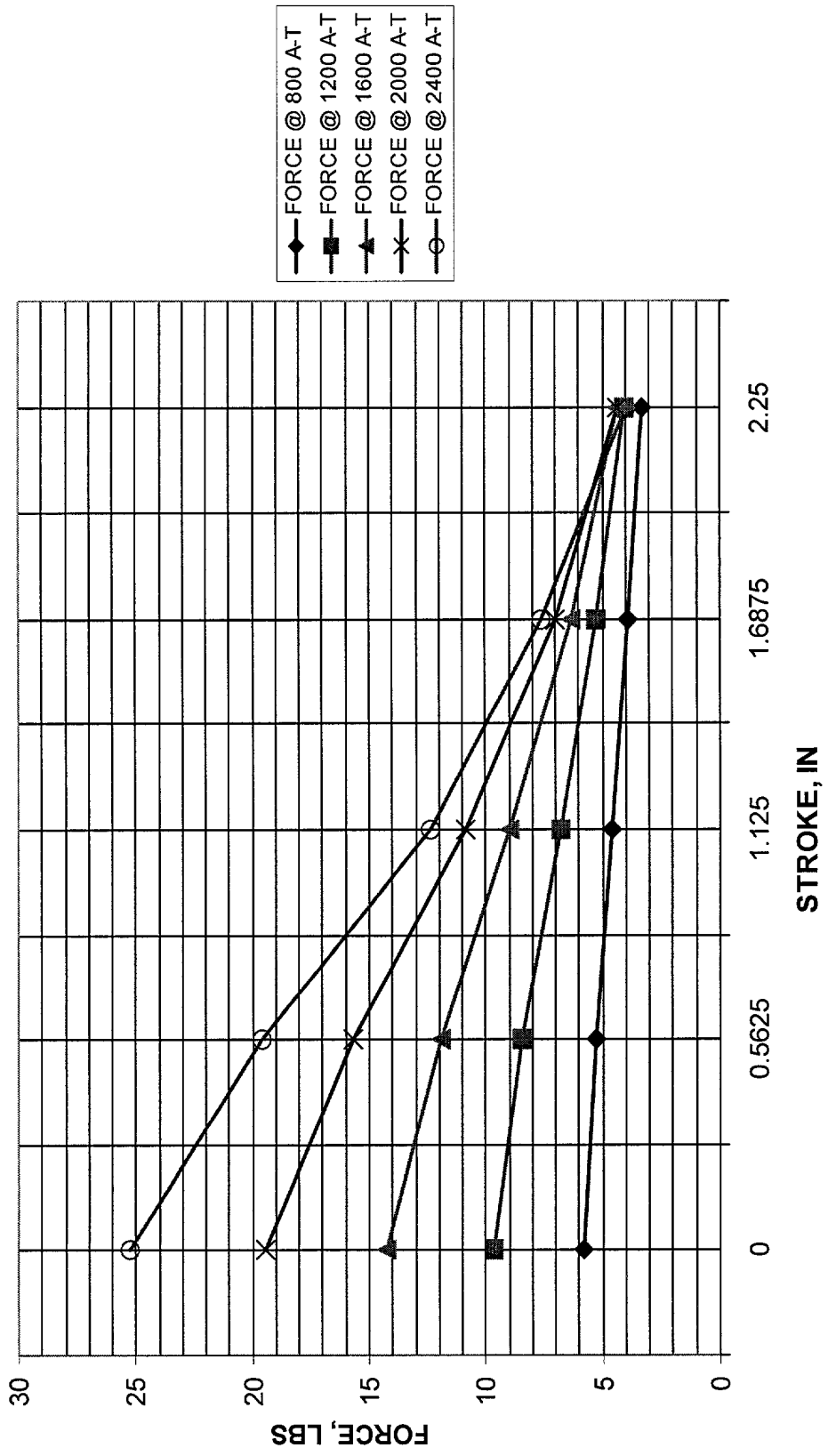


FIG. 6